

Reading Strategy

What we're going to cover today is writing Two-step equations. What students must be able to do at the end of the lesson is translate sentences into equations. If they're given, Eight less than three times a number is -23, how can they translate this into an equation? The whole idea of this lesson is so students can translate these word sentences into numbers. Many students have a difficult time with this because they do not always know what the sentence is saying. If we were going to write eight less than three times we would need to start with eight less, and eight less means -8, and three times a number means $3 \times n$. Since eight is less than $3n$, we write it as $3n - 8$. The sentence also states that this is -23. Whenever we see the word "is" we put an equal's sign. So the equation looks like $3n - 8 = -23$. This would be a simple warm up before I break down the sentences. Whenever we see "something less than" that means we subtract that number. If we see, "increased by" we add. Quotient means, divide. "Twice a number" means two times a number. There are many "sayings" when translating sentences into equations. Throughout the lesson I must explain what all words mean.

I will present the new topic, writing two-step equations. Each student will need a clean sheet of paper, or a "log" notebook this is where they will keep their logs until turned in. I will ask the class to write down predictions and expectations of what the topic may involve, some may have an idea, some may not. They should write about 3- 5 sentences, whether or not they have ever heard of this topic. If they have not heard of the topic, they must state that they have never heard of it, and make some predictions. This is just a starting point for all students. I will give the class about two minutes to do so. Once everyone is completed, I will ask a volunteer to read their response. Students should feel comfortable discussing their predictions, because no one can be incorrect. Once predictions have been made the lesson will proceed. After the lesson I should give the class about 5 -10 minutes to again respond in their reading logs about what they learned today. They can include everything they

understood, to when they became confused. They can also ask questions within their logs for future reference, or questions to be answered for the following day. They can also add in notes from the class period. Anything they can relate back to the material with is great! They should be able to write about a paragraph. These logs will be collected at the end of the week for grades. Students will be graded on how well they completed their log.